

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
 Data File : BM044498.D
 Acq On : 02 Mar 2024 09:14
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020062

Quant Time: Mar 04 01:50:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 04 01:18:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/04/2024
 Supervised By :mohammad ahmed 03/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.592	152	360258	20.000	ng/u1	0.00
20) Naphthalene-d8	11.474	136	1410493	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.198	164	700660	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.909	188	1259488	20.000	ng/u1	0.00
79) Chrysene-d12	22.027	240	1066082	20.000	ng/u1	0.00
88) Perylene-d12	24.809	264	1340260	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.634	96	87017	7.621	ng/uL	0.00
4) Pyridine-d5	4.110	84	566805	18.177	ng/u1	0.00
7) Phenol-d5	7.745	99	621389	18.005	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.922	67	406105	18.171	ng/u1	0.00
11) 2-Chlorophenol-d4	8.104	132	509230	19.591	ng/u1	0.00
15) 4-Methylphenol-d8	9.351	113	450334	17.246	ng/u1	0.00
21) Nitrobenzene-d5	9.804	128	232312	20.257	ng/u1	0.00
24) 2-Nitrophenol-d4	10.539	143	248091	21.203	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	11.092	165	406528	19.696	ng/u1	0.00
31) 4-Chloroaniline-d4	11.627	131	590370	17.031	ng/u1	0.00
46) Dimethylphthalate-d6	14.639	166	1009737	18.686	ng/u1	0.00
49) Acenaphthylene-d8	14.898	160	1261761	20.294	ng/u1	0.00
54) 4-Nitrophenol-d4	15.404	143	172135	16.008	ng/u1	0.00
60) Fluorene-d10	16.174	176	847983	18.540	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.298	200	126124	16.139	ng/u1	0.00
73) Anthracene-d10	18.009	188	1176452	19.590	ng/u1	0.00
81) Pyrene-d10	20.239	212	1231076	19.194	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.621	264	1369105	19.936	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.675	88	92694	7.702	ng/uL	97
5) Pyridine	4.134	79	596702	18.291	ng/u1	96
6) Benzaldehyde	7.704	77	359295	23.984	ng/u1	99
8) Phenol	7.775	94	647544	18.051	ng/u1	98
10) Bis(2-Chloroethyl)ether	8.022	93	544050	18.119	ng/u1	98
12) 2-Chlorophenol	8.133	128	522937	19.447	ng/u1	98
13) 2-Methylphenol	9.075	108	466130	17.637	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	9.151	45	735608m	17.918	ng/u1	
16) Acetophenone	9.457	105	733688	17.586	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.451	70	376638	18.022	ng/u1	99
18) 4-Methylphenol	9.416	108	484222	17.199	ng/u1	99
19) Hexachloroethane	9.692	117	224049	19.640	ng/u1	98
22) Nitrobenzene	9.845	77	551061	19.868	ng/u1	99
23) Isophorone	10.392	82	1024518	19.060	ng/u1	99
25) 2-Nitrophenol	10.574	139	267914	20.645	ng/u1	98
26) 2,4-Dimethylphenol	10.645	107	426488	17.212	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.898	93	666835	19.083	ng/u1	100
29) 2,4-Dichlorophenol	11.116	162	407378	19.502	ng/u1	99
30) Naphthalene	11.521	128	1544835	19.258	ng/u1	100
32) 4-Chloroaniline	11.651	127	580203	17.176	ng/u1	99
33) Hexachlorobutadiene	11.804	225	255301	20.287	ng/u1	99
34) Caprolactam	12.421	113	113167	15.673	ng/u1	97
35) 4-Chloro-3-methylphenol	12.745	107	411002	18.468	ng/u1	97
36) 2-Methylnaphthalene	13.092	142	956746	18.725	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.298	142	933654	18.484	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.439	216	437989	21.117	ng/ul	99
40) Hexachlorocyclopentadiene	13.410	237	238419	17.085	ng/ul	97
41) 2,4,6-Trichlorophenol	13.680	196	282247	21.348	ng/ul	98
42) 2,4,5-Trichlorophenol	13.751	196	289714	20.271	ng/ul	99
43) 1,1'-Biphenyl	14.068	154	1146912	20.106	ng/ul	99
44) 2-Chloronaphthalene	14.104	162	918363	20.562	ng/ul	99
45) 2-Nitroaniline	14.315	65	253195	20.475	ng/ul	97
47) Dimethylphthalate	14.686	163	1038796	18.809	ng/ul	100
48) 2,6-Dinitrotoluene	14.804	165	204225	19.773	ng/ul	97
50) Acenaphthylene	14.927	152	1448262	19.666	ng/ul	100
51) 3-Nitroaniline	15.121	138	213211	19.567	ng/ul	99
52) Acenaphthene	15.262	153	938524	19.305	ng/ul	100
53) 2,4-Dinitrophenol	15.327	184	80292	12.528	ng/ul	95
55) 4-Nitrophenol	15.421	109	120257	16.280	ng/ul	96
56) Dibenzofuran	15.592	168	1235029	18.924	ng/ul	99
57) 2,4-Dinitrotoluene	15.568	165	278682	18.781	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.809	232	220377	19.160	ng/ul	99
59) Diethylphthalate	16.015	149	1047986	18.434	ng/ul	99
61) Fluorene	16.227	166	968677	18.480	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.227	204	467310	18.917	ng/ul	98
63) 4-Nitroaniline	16.262	138	205553m	19.504	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.309	198	140517	16.437	ng/ul	96
67) N-Nitrosodiphenylamine	16.439	169	795684	20.847	ng/ul	99
68) 4-Bromophenyl-phenylether	17.115	248	263718	21.074	ng/ul	97
69) Hexachlorobenzene	17.209	284	292957	20.454	ng/ul	100
70) Atrazine	17.392	200	243270	19.457	ng/ul	98
71) Pentachlorophenol	17.556	266	173175	18.347	ng/ul	98
72) Phenanthrene	17.956	178	1387954	19.210	ng/ul	99
74) Anthracene	18.045	178	1412566	19.418	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	14.027	216	419709	23.806	ng/uL	99
76) Pentachlorobenzene	15.504	250	370837	22.033	ng/uL	97
77) Carbazole	18.321	167	1248965	18.259	ng/ul	100
78) Di-n-butylphthalate	18.880	149	1724673	19.914	ng/ul	100
80) Fluoranthene	19.915	202	1443289	18.763	ng/ul	100
82) Pyrene	20.268	202	1519144	18.832	ng/ul	100
83) Butylbenzylphthalate	21.162	149	703023	19.403	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.944	252	445754	18.693	ng/ul	99
85) Benzo(a)anthracene	22.015	228	1557164	19.585	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.950	149	1068791	19.267	ng/ul	99
87) Chrysene	22.068	228	1456409	19.487	ng/ul	100
89) Di-n-octyl phthalate	23.021	149	1807924	15.744	ng/ul	100
90) Benzo(b)fluoranthene	23.938	252	1686178	19.625	ng/ul	100
91) Benzo(k)fluoranthene	23.997	252	1696997	19.230	ng/ul	100
93) Benzo(a)pyrene	24.679	252	1655451	19.984	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.873	276	2088352	20.846	ng/ul	96
95) Dibenzo(a,h)anthracene	27.932	278	1751768	20.925	ng/ul	99
96) Benzo(g,h,i)perylene	28.820	276	1704339	21.032	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

